

Abstract

A thin film magnetic head includes a slider, at least one inductive type electromagnetic conversion element and a thermal diffusion film. The inductive type electromagnetic conversion element includes a first magnetic film, a second magnetic film, a gap film, a coil film and an insulating film which are supported by the slider. The coil film is embedded in the insulating film. The thermal diffusion film is made of a metallic film, and disposed in the heat transmission path from the coil film toward the slider.

10026623-A22304